

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/751,654

DATE: 07/02/2001
TIME: 16:43:24

Input Set : A:\PTO.txt
Output Set: N:\CRF3\07022001\I751654.raw

SEQUENCE LISTING

ENTERED

8 (1) GENERAL INFORMATION:
 9 (i) APPLICANT: Bavykin, Sergei
 10 Akowski, James
 11 Mirzabekkoy, Andrei
 12 Zakhariev, Vladimir
 14 (ii) TITLE OF INVENTION: COLUMN DEVICE FOR ISOLATION AND LABELING
 15 OF NUCLEIC ACIDS
 16 (iii) NUMBER OF SEQUENCES: 10
 17 (iv) CORRESPONDENCE ADDRESS:
 18 (A) ADDRESSEE: CHERSKOV & FLAYNIK
 19 (B) STREET: 20 N. Wacker Drive
 20 (C) CITY: Chicago
 21 (D) STATE: Illinois
 22 (E) COUNTRY: United States
 23 (F) ZIP: 60606
 24 (v) COMPUTER READABLE FORM:
 25 (A) MEDIUM TYPE: 3.50 inch, 1.4 MB storage
 26 (B) COMPUTER: PC
 27 (C) OPERATING SYSTEM: Microsoft Windows 98
 28 (D) SOFTWARE: Wordperfect 8.0.0.153
 29 (vi) CURRENT APPLICATION DATA:
 30 (A) APPLICATION NUMBER: US/09/751,654
 31 (B) FILING DATE: 29-Dec-2000
 36 (viii) ATTORNEY/AGENT INFORMATION:
 33 (A) NAME: Cherskov, Michael J.
 34 (B) REGISTRATION NUMBER: 33,664
 35 (C) REFERENCE/DOCKET NUMBER: 0003/00034
 0 (ix) TELECOMMUNICATION INFORMATION:
 37 (A) TELEPHONE: (312) 621-1330
 38 (B) TELEFAX: (312) 621-0088
 41 (2) INFORMATION FOR SEQ ID NO: 1:
 42 (i) SEQUENCE CHARACTERISTICS:
 43 (A) LENGTH: 17 bases
 44 (B) TYPE: nucleic acid
 45 (C) STRANDEDNESS: Not Applicable
 46 (D) TOPOLOGY: linear
 47 (ii) MOLECULE TYPE: Genomic DNA
 48 (iii) HYPOTHETICAL: yes
 49 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 51 ACCGCTTGTG CGGGCCC 17
 53 (2) INFORMATION FOR SEQ ID NO. 2:
 54 (i) SEQUENCE CHARACTERISTICS:
 55 (A) LENGTH: 18 bases
 56 (B) TYPE: nucleic acid
 57 (C) STRANDEDNESS: Not Applicable
 58 (D) TOPOLOGY: linear

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59 (ii) MOLECULE TYPE: Genomic DNA
60 (iii) HYPOTHETICAL: yes
C--> 61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
C--> 63 TGCCTCCCGT AGGAGTCT 18
65 (2) INFORMATION FOR SEQ ID NO: 3:
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 20 bases
68 (B) TYPE: nucleic acid
W--> 69 (C) STRANDEDNESS: Not Applicable
70 (D) TOPOLOGY: linear
71 (ii) MOLECULE TYPE: Genomic DNA
72 (iii) HYPOTHETICAL: yes
C--> 73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
C--> 75 GATATTACCG CGGCTGGCTG 20
77 (2) INFORMATION FOR SEQ ID NO: 4:
78 (i) SEQUENCE CHARACTERISTICS:
79 (A) LENGTH: 18 bases
80 (B) TYPE: nucleic acid
W--> 81 (C) STRANDEDNESS: Not Applicable
82 (D) TOPOLOGY: linear
83 (ii) MOLECULE TYPE: Genomic DNA
84 (iii) HYPOTHETICAL: yes
C--> 85 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
C--> 87 ACGGGCGGTG TGTAGCAA 18
89 (2) INFORMATION FOR SEQ ID NO: 5:
90 (i) SEQUENCE CHARACTERISTICS:
91 (A) LENGTH: 19 bases
92 (B) TYPE: nucleic acid
W--> 93 (C) STRANDEDNESS: Not Applicable
94 (D) TOPOLOGY: linear
95 (ii) MOLECULE TYPE: Genomic DNA
96 (iii) HYPOTHETICAL: yes
C--> 97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
C--> 99 ATTCCAGCTT CACGCAGTC 19
101 (2) INFORMATION FOR SEQ ID NO: 6:
102 (i) SEQUENCE CHARACTERISTICS:
103 (A) LENGTH: 20 bases
104 (B) TYPE: nucleic acid
W--> 105 (C) STRANDEDNESS: Not Applicable
106 (D) TOPOLOGY: linear
107 (ii) MOLECULE TYPE: Genomic DNA
108 (iii) HYPOTHETICAL: yes
C--> 109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
C--> 111 ACAGATTGT GGGATTGGCT 20
113 (2) INFORMATION FOR SEQ ID NO: 7:
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 20 bases
116 (B) TYPE: nucleic acid
W--> 117 (C) STRANDEDNESS: Not Applicable

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118 (D) TOPOLOGY: linear
119 (ii) MOLECULE TYPE: Genomic DNA
120 (iii) HYPOTHETICAL: yes
C--> 121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
C--> 123 AAGCCACCTT TTATGTTTGA 20
125 (2) INFORMATION FOR SEQ ID NO: 8:
126 (i) SEQUENCE CHARACTERISTICS:
127 (A) LENGTH: 20 bases
128 (B) TYPE: nucleic acid
W--> 129 (C) STRANDEDNESS: Not Applicable
130 (D) TOPOLOGY: linear
131 (ii) MOLECULE TYPE: Genomic DNA
132 (iii) HYPOTHETICAL: yes
C--> 133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
C--> 135 CGGTTCAAAC AACCATCCGG 20
139 (2) INFORMATION FOR SEQ ID NO: 9:
140 (i) SEQUENCE CHARACTERISTICS:
141 (A) LENGTH: 20 bases
142 (B) TYPE: nucleic acid
W--> 143 (C) STRANDEDNESS: Not Applicable
144 (D) TOPOLOGY: linear
145 (ii) MOLECULE TYPE: Genomic DNA
146 (iii) HYPOTHETICAL: yes
C--> 147 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
C--> 149 CGGTCTTGCA GCTCTTGTA 20
151 (2) INFORMATION FOR SEQ ID NO: 10:
152 (i) SEQUENCE CHARACTERISTICS:
153 (A) LENGTH: 20 bases
154 (B) TYPE: nucleic acid
W--> 155 (C) STRANDEDNESS: Not Applicable
156 (D) TOPOLOGY: linear
157 (ii) MOLECULE TYPE: Genomic DNA
158 (iii) HYPOTHETICAL: yes
C--> 159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
C--> 161 CAACTAGCAC TTGTTCTTCC 20

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/751,654

DATE: 07/02/2001
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Input Set : A:\PTO.txt
Output Set: N:\CRF3\07022001\I751654.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:32 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:36 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:247 C: Inserted Optional Header Field, [(ix) TELECOMMUNICATION INFORMATION:]
L:49 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:45 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=1
L:51 M:111 C: (47) String data converted to upper case,
L:61 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:57 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=2
L:63 M:111 C: (47) String data converted to upper case,
L:73 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:69 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=3
L:75 M:111 C: (47) String data converted to upper case,
L:85 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:81 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=4
L:87 M:111 C: (47) String data converted to upper case,
L:97 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:93 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=5
L:99 M:111 C: (47) String data converted to upper case,
L:109 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:105 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=6
L:111 M:111 C: (47) String data converted to upper case,
L:121 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:117 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=7
L:123 M:111 C: (47) String data converted to upper case,
L:133 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:129 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=8
L:135 M:111 C: (47) String data converted to upper case,
L:147 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:143 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=9
L:149 M:111 C: (47) String data converted to upper case,
L:159 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:155 M:246 W: Invalid value of Alpha Sequence Header Field, [STRANDEDNESS:], SeqNo=10
L:161 M:111 C: (47) String data converted to upper case,